

REMARKS

Applicants submit herewith an electronic version of the Sequence Listing in .txt format. Pursuant to 37 C.F.R. § 1.821, the electronic version of the Sequence Listing contains no new subject matter. Applicants respectfully request that the Examiner enter the amendment to direct entry of the Sequence Listing into the application.

Applicants have amended the Sequence Listing in order to correct inadvertent typographical errors. In the original application, paragraph 0095 clearly indicates that the mouse LAMP-1 nucleotide, identified as SEQ ID NO: 1 encodes for the protein sequences identified as SEQ ID NO: 25 and SEQ ID NO: 26. At position 197 of SEQ ID NO: 1, the nucleotide codon "CAG" is listed. The corresponding amino acid in SEQ ID NO: 26 exists at position 34 and was originally listed as "Glu" (Glutamic Acid). However, the correct corresponding amino acid to "CAG" is "Gln" (Glutamine). A typographical error was made in the original application as filed and that what should have been typed as "Gln" was originally mistyped as "Glu". As evidence thereof, "Appendix A", of this response, contains a partial reading of Genbank Accession Num_010684 representing the Mouse LAMP-1 protein. For ease of identification, Applicants have bolded the corresponding segment and underlined the amino acid in question to demonstrate that a typographical error occurred in the original submission and that the proper sequence of SEQ ID NO: 26 should read:

"MLIPIAVGGALAGLVLIVLIAYLIGRKRS³⁴HAGYQTT"

Applicants have also amended the Sequence Listing in order to correct a similar typographical error in SEQ ID NO: 52. In the original application, paragraph 0096 provides for a combination of previously presented sequences of which one sequence is again the Mouse LAMP-1 protein. The same typographical error has been made in that the "CAG" codon is again misrepresented by the "Glu" amino acid rather than the correct "Gln" amino acid at position 35 of SEQ ID NO: 52. A typographical error was made in the original application as filed and that what should have been typed as "Gln" was originally mistyped as "Glu". As evidence thereof, "Appendix A" of this response contains a partial reading of Genbank Accession Num_010684 representing the Mouse LAMP-1 protein. For ease of identification, Applicants have bolded the corresponding segment and underlined the amino acid in question. All evidence indicates that a typographical error occurred in the original submission and that the proper sequence of SEQ ID NO: 52 should read:

“NMLPIAVGGALAGLV LIVLIA YLIGRK RSHAGYQTIX”.

Applicants also submit herewith a correction to SEQ ID NO: 52. Paragraph [0096] of the Specification as amended by the Preliminary Amendment submitted on May 8, 2006, contained the nucleotide codon “tag” at the end of the DNA sequences identified as SEQ ID NO: 2 and SEQ ID NO: 5. However, in paragraph [0096] the translated amino acid sequence, SEQ ID NO: 52, contained two variations. In one presentation, the translated amino acid was inadvertently omitted and in the other, it was identified as “AMB”. “AMB” refers to the Amber stop codon which is the amino acid translation of the nucleotide codon “tag”. In order to provide the correct translation, Applicants have amended the Sequence Listing to reflect the complete translation listing the Amber stop codon as “Xaa” and then further identified as a “Miscellaneous Feature” identifying “Xaa = the Amber stop codon as translated from the nucleotide codon "tag" as listed at the 3' end of SEQ ID NO: 2 and SEQ ID NO: 5”.

This protein sequence makes reference to the amino acid AMB in the application as filed, as does the translation of the three letter nucleotide codon “tag” contained at the 3' end of SEQ ID NO: 5. Accordingly, no new matter is introduced, and the Sequence Listing has merely been amended for consistency.

No additional fee is deemed due with this response, however, the Commissioner is authorized to charge any fees, should they be due, or credit any overpayment, to Deposit Account No. 11-0980.

Respectfully submitted,

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